



TRANSPORTATION OF DANGEROUS GOODS INSPECTION REPORT

1.0 GENERAL INSPECTION INFORMATION

Site	The Municipality of Kincardine 155 Durham St, Kincardine, ON, N2Z 1A4		
Location of Oversight Activity	1475 CONCESSION 5, KINCARDINE, ON. N2Z2X6 Latitude: 44.2055 Longitude: -81.59839		
Work Order Number	WO-2023-01011062		
Inspection Date	2024-01-31		
Remote Inspection	No		
Site Contact Name	Lisa CRIMMINGS	Title	Environmental Compliance Officer
Contact Telephone	519-396-4660 x4	Contact E-mail	lcrimmings@kincardine.ca

2.0 INSPECTION FINDINGS & REQUIRED ACTIONS

2.1 Preamble

An inspection was conducted at the above-noted site pursuant to the *Transportation of Dangerous Goods (TDG) Act, 1992 and Regulations*. This Inspection Report is a written record of the findings observed at the time of the inspection and any action(s) required by the inspector, in accordance with the TDG Act and Regulations, to indicate that any identified non-compliance(s) have been corrected.

2.2 Findings & Required Actions.

No.	Provision	Details
1.	TDG Act: 5 (b) TDG Regs: 3.1 (1) Standard: ---	<p>Legislative Text Consignor failing to prepare and give shipping document to carrier taking possession of dangerous goods for transport.</p> <hr/> <p>Inspector's Comments / Action Required A document package dated "6-13-23" for UN1017 CHLORINE, Class 2.3(5.1)(8) was for a return of empty cylinders picked up by Manitoulin Transport, naming the consignee as: Brenntag Canada. As per the Brenntag Canada Inc. "USING THE BRENNTAG CANADA INC EMPTY CONTAINER RETURN BILL OF LADING" document provided to CARNAHAN by CRIMMINGS and JEZ, "STEP 3 – Complete the Empty Container Return bill of lading before the carrier arrives. 1. General Information to be completed for all empty return bills of lading. a) Customer name and address. (Shipper/Consignor)". For the shipment of cylinders containing UN1017 CHLORINE, Class 2.3(5.1)(8) dated June 13, 2023, The Municipality of Kincardine was the consignor. The only dangerous goods documentation surrendered for the shipment was Manitoulin Transport Bill of Lading number: 34403306. This document does not contain the information required by Transportation of Dangerous Goods Regulations Part 3 – Documentation, 3.5 Information on a Shipping Document, and Part 3.6.1 Consignor's Certification. If the Municipality of Kincardine had used the Brenntag Canada Inc. Empty Container Return Bill of Lading, it would not be compliant with TDG Part 3 either.</p> <p>2024-02-06, 1153 hrs. EST, Lisa CRIMMINGS, Environmental Compliance Officer e-mailed Transport Canada Transportation of Dangerous Goods Inspector T. CARNAHAN a template of a dangerous goods document, that if filled out with the required information for which have been identified by the form, will be compliant with Transportation of Dangerous Goods Regulations Part 3 - Documentation.</p> <p>NO FURTHER ACTION REQUIRED.</p> <hr/> <p>Action Required By* 2024-03-31</p> <hr/> <p>Reference ID Outgoing UN1017 CHLORINE empty cylinder returns.</p>
2.	TDG Act: 5 (b)	<p>Legislative Text</p>



	<p>TDG Regs: 3.1 (1) Standard: ---</p>	<p>Consignor failing to prepare and give shipping document to carrier taking possession of dangerous goods for transport.</p> <hr/> <p>Inspector's Comments / Action Required Anchem Sales Empty Container Return No. 47201, Date: 05/14/2023, indicates "Consigned to: ANCHEM SALES", "Customer's Name: Treatment Plant", "Address: 437 sideroad 15 NORTH, TIVERTON", UN3264 ALUMINUM SULPHATE", "Class 8".</p> <p>This document does not contain the information required by Transportation of Dangerous Goods Regulations Part 3 – Documentation, 3.5 Information on a Shipping Document, and Part 3.6.1 Consignor's Certification</p> <p>2024-02-06, 1153 hrs. EST, Lisa CRIMMINGS, Environmental Compliance Officer e-mailed Transport Canada Transportation of Dangerous Goods Inspector T. CARNAHAN a template of a dangerous goods document, that if filled out with the required information for which have been identified by the form, will be compliant with Transportation of Dangerous Goods Regulations Part 3 - Documentation.</p> <p>NO FURTHER ACTION REQUIRED.</p> <hr/> <p>Action Required By* 2024-03-31</p> <hr/> <p>Reference ID ANCHEM Empty Container Return document.</p>
<p>3.</p>	<p>TDG Act: 5 (a) TDG Regs: 6.1 (2) Standard: ---</p>	<p>Legislative Text Employer directing or allowing employee to handle, offer for transport or transport dangerous goods when not adequately trained and not holding a training certificate in accordance with Part 6 of the TDG Regulations.</p> <hr/> <p>Inspector's Comments / Action Required CRIMMINGS and JEZ informed CARNAHAN that no members of the Water & Sewer Administration have currently valid Transportation of Dangerous Goods Training Certificates in accordance with Transportation of Dangerous Goods Regulations (TDGR) Part 6 – Training. Based on discussions during the inspection it was determined that approximately eleven (11) employees who handle, offer for transport, or transport dangerous goods would need Transportation of Dangerous Goods Training.</p> <p>2024-02-06, 1153 hrs. EST, Lisa CRIMMINGS, Environmental Compliance Officer e-mailed Transport Canada Transportation of Dangerous Goods Inspector T. CARNAHAN Transportation of Dangerous Goods Training Certificates for CRIMMINGS and Jerry JEZ. In CRIMMINGS e-mail CARNAHAN was informed that additional employees are in the process of attaining TDG Training and TDG Training Certificates.</p> <p>NO FURTHER ACTION REQUIRED.</p> <hr/> <p>Action Required By* 2024-03-31</p> <hr/> <p>Reference ID</p>

*Notwithstanding the period of time in which the Company shall provide confirmation of compliance, any 'activity' related to the above noted non-compliances must cease immediately.

Please take notice that enforcement and/or legal actions can be taken against you or the company you represent for not complying with the *Transportation of Dangerous Goods Act, 1992* and the *Transportation of Dangerous Goods Regulations*.

3.0 GENERAL COMMENTS

On January 31, 2024, Transport Canada Transportation of Dangerous Goods Inspector T. CARNAHAN attended The Municipality of Kincardine's Water Treatment Plant, located at 155 Durham Street, Kincardine, Ontario, and met with Lisa CRIMMINGS, Environmental Compliance Officer, and Jerry JEZ, Environmental Services Supervisor, for the purpose of conducting a Transportation of Dangerous Goods Inspection.

Transportation of Dangerous Goods Regulations Part 3 – Documentation



CRIMMINGS provided CARNAHAN with a comprehensive document package that included inbound dangerous goods procurements from suppliers, outbound empty means of containment shipment documentation, Safety Data Sheets, and Equivalency Certificate Numbers: SU5217 and SU12577. The following dangerous goods were identified in the documentation.

1. UN1017 CHLORINE, Class 2.3(5.1)(8), Special Provision 23, inbound and outbound
2. UN3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (aluminum sulphate), Class 8, Packing Group II, inbound and outbound
3. UN1791 HYPOCHLORITE SOLUTION, Class 8, Packing Group II, inbound
4. UN1805 PHOSPHORIC ACID SOLUTION, Class 8, Packing Group III, inbound
5. UN1230 METHANOL, Class 3(6.1), Packing Group II, inbound

As per Transportation of Dangerous Goods Regulations Schedule 1, for UN1017 CHLORINE, Class 2.3(5.1)(8), Special Provision 23 applies. As per Transportation of Dangerous Goods Regulations Schedule 2 – Special Provisions, Special Provision 23 (SP23), 23 (1) A person must not import, offer for transport, handle or transport these dangerous goods unless (b) they are accompanied by a shipping document that complies with subparagraph 3.5(1)(c)(vii). As per TDGR 3.5(1)(c) (vii) for dangerous goods that are subject to special provision 23, the words “toxic by inhalation” or “toxic – inhalation hazard” or “toxique par inhalation” or “toxicité par inhalation”

See Transportation of Dangerous Goods Inspection Report Part 2.2 Findings & Required Actions.

Transportation of Dangerous Goods Regulations Part 4 – Dangerous Goods Safety Marks and Part 5 – Means of Containment

While on site TDG Inspector CARNAHAN observed the following dangerous goods safety marks and means of containment.

UN1791 HYPOCHLORITE SOLUTION with more than 7% available chlorine, Class 8, PG II in 10 L Jugs, specification: UN3H1/Y1.8/100/22 CAN/REL 2-2950. UN1791 is transported to drinking water well sites by employees of the Municipality of Kincardine.

UN2693 BISULPHITES, AQUEOUS SOLUTION N.O.S. (sodium bisulphite solution), Class 8 PG III, 27 Kg jug

UN1017 CHLORINE, TOXIC-INHALATION HAZARD, Class 2.3(5.1)(8), displaying Equivalency Certificate Number SU 12577 in cylinders, specifications: TC3AAM33, ICC 3A480. 68 kg contents.

Transportation of Dangerous Goods Regulations Part 6 – Training

See Transportation of Dangerous Goods Inspection Report Part 2.2 Findings & Required Actions

4.0 INSPECTOR DETAILS

Primary Inspector Name		Secondary Inspector Name	
Thomas Carnahan		---	
Inspector Credentials		Inspector Credentials	
Badge No.	RIN No.	Badge No.	RIN No.
5023	99004674	---	---
Contact Information		Contact Information	
Phone Number	(416) 524-3141	Phone Number	---
E-mail Address	thomas.carnahan@tc.gc.ca	E-mail Address	---